

Date: Sat, 12 Mar 94 00:01:37 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #280
To: Info-Hams

Info-Hams Digest Sat, 12 Mar 94 Volume 94 : Issue 280

Today's Topics:

 1x1 Callsigns?
 arld014 DX news
 Best cars for mobile HF/VHF??
 Daily Summary of Solar Geophysical Activity for 10 March
 Guy Tower with Phillistran Non-metallic ?
 Info on Alinco mods?
 Looking For Converters
 midwest micro
 WARNING: Potential Satellite Anomaly Warning
 WWV time station freq

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Mar 1994 22:35:44 -0600
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: 1x1 Callsigns?
To: info-hams@ucsd.edu

Will Turner, N0RDV, says:

>The US only has the
>first half of the 'A's, thus you can't have an A#XXX call. (Or A#XX, A#X)

I realize the callbook isn't the authority, but it show's that A0 and A1
prefixes aren't assigned to any other country. Since the US has AAA-ALZ
then it *might* be possible for the US to assign A0 and A1. Does anyone

know for sure (not just guessing, like me)?

Kris AA5U0
mrz@aud.alcatel.com

Date: 11 Mar 94 17:18:39 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu
Subject: arld014 DX news
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD014
ARLD014 DX news

ZCZC AE12
QST de W1AW
DX Bulletin 14 ARLD014

Date: 11 Mar 1994 21:01:46 GMT
From: slinky.cs.nyu.edu!longlast.cs.nyu.edu!jackson@nyu.arpa
Subject: Best cars for mobile HF/VHF??
To: info-hams@ucsd.edu

|> Look at what the cops are driving. Ford Crown Victorias seem popular
|> with them, as do Chevy Caprices. Order your's with the same fleet codes
|> that they use and you'll have a car that works well with radios. (It'll
|> also have the heavy duty electrical system, cooling system, and suspension
|> of a cop car.) Get the same color scheme that they use for their unmarked
|> cars too, that way the antennas won't draw suspicion. (And you may avoid
|> some tickets.)

I had been thinking the same thing for quite a while, too. Only not for the ability to work with radios, more because the Caprices look like they'll be a comfortable ride and the antennas will look normal on them. In fact, I've been trying to find the tiny antennas they have mounted on the roof immediately above to rear window for scanner use. That'll definitely finish the image off. Problem is, what are they usually tuned to? Of course, you could always get a cellular lookalike 2m trunk lip mount to complement the roof mount.

--

Steven Jackson
Assistant to the Chair of Comp Sci
jackson@cs.nyu.edu, jcksnste@acfccluster

New York University
Courant Inst. of Mathematical Sciences
251 Mercer St, Room 411, NY 10012

"Not in my head.. so I don't have to think.." -- Nik Fiend

SYNOPSIS OF ACTIVITY

Solar activity was very low with five optically uncorrelated B-class x-ray events observed this period. All regions are exhibiting slow decay. New Region 7688 (N18E75) was numbered this period.

Solar activity forecast: solar activity is expected to be at very low to low levels. Region 7685 (S08W40) appears to have the greatest potential of producing C-class activity.

STD: Moderate to high densities of high-energy electrons at greater than 2 MeV have been observed since approximately late on 08 March. This is at least the third recurrence of these high-energy electrons and are thought to be associated with the current coronal-hole related disturbance.

The geomagnetic field has been at mostly active to minor storm levels the past 24 hours. Periods of major storm levels were observed at high latitudes. Storm conditions are believed to be the result of a favorably positioned coronal hole.

Geophysical activity forecast: the geomagnetic field is expected to be at mostly active levels for the next two days. Periods of minor storm conditions can be expected during high latitude local nighttime. The field is expected to be mostly unsettled to active on day three.

Event probabilities 11 mar-13 mar

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 11 mar-13 mar

A. Middle Latitudes

Active	25/25/25
Minor Storm	30/20/15
Major-Severe Storm	01/01/01

B. High Latitudes

Active	30/25/25
Minor Storm	35/30/25

Major-Severe Storm 10/01/01

HF propagation conditions continue to be moderately to occasionally strongly degraded for transpolar and transauroral circuits due to the enhanced levels of geomagnetic and auroral activity. Similar conditions are expected over the next 24 hours before levels of activity begin to subside on 12 and 13 March. Expect degraded propagation through at least 13 March for high and polar latitude paths. Middle latitudes should see a return to more stable conditions on 12 and (particularly) 13 March, if levels of activity do indeed subside by then.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 10/2400Z MARCH

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7684	S08W70	007	0010	BX0	04	002	BETA	
7685	S08W44	342	0060	DS0	07	011	BETA	
7687	N17W39	337	0000	AXX	00	001	ALPHA	
7688	N18E75	223	0000	AXX	02	002	ALPHA	
7680	S11W81	019					PLAGE	

REGIONS DUE TO RETURN 11 MARCH TO 13 MARCH

NMBR	LAT	LO
7671	N11	191

LISTING OF SOLAR ENERGETIC EVENTS FOR 10 MARCH, 1994

A. ENERGETIC EVENTS:

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 10 MARCH, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
10/A0022		B1838	N14E23	DSF				

INFERRED CORONAL HOLES. LOCATIONS VALID AT 10/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
67	S39W43	S62W51	S39W83	S37W48	005	EXT	NEG	008	10830A

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68  N61E09 N22W30 N26W35 N64W19 322 EXT POS 011 10830A
69  S10E47 S18E45 N00E29 N06E31 269 ISO POS 004 10830A

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SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
09 Mar:	0116	0121	0130	B3.7						
	0459	0504	0508	B2.6						
	0659	0702	0704	B1.2						
	0825	0828	0831	B1.9						
	0856	0857	0906		SF	7686	N08W80			
	1018	1021	1025	B1.6						
	1813	1822	1837	B3.7						
	1851	1901	1908	B5.2						
	2009	2014	2019	B2.9						
	2038	2046	2103	B1.9						
	2133	2140	2152	B7.7						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7686:	0	0	0	1	0	0	0	0	001	(9.1)
Uncorrelated:	0	0	0	0	0	0	0	0	010	(90.9)

Total Events: 011 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II = Type II Sweep Frequency Event
III = Type III Sweep
IV = Type IV Sweep
V = Type V Sweep
Continuum = Continuum Radio Event
Loop = Loop Prominence System,
Spray = Limb Spray,
Surge = Bright Limb Surge,
EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 12 Mar 1994 03:37:33 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
prairienet.org!k9cw@network.ucsd.edu
Subject: Guy Tower with Phillistran Non-metallic ?
To: info-hams@ucsd.edu

In a previous article, wstrahl@cbnewsg.cb.att.com (wayne.a.strahl) says:

>I am posting this query for a friend who is considering guying his
>Rohn 60' fold-over tower with Phillistran non-metallic guy cable in
>order to reduce interaction with his low-band slopers and Mosley
>PRO-57A that is mounted on it.

A year ago, I installed a 58 foot Rohn foldover tower with steel guys at the hinge (31 feet) and Phillystran at the top. It works great! Until I put the guys on the upper half, it would really move about in the wind out here in the country. The Phillystran kept the top stable and it does not effect the two inverted V's hanging off the tower.

Nice stuff...

73, Drew K9CW

He presently has unbroken lengths

--

| Andrew B. White K9CW | internet: k9cw@prairienet.org |
| ABW Associates, Ltd. | phone/fax: 217-643-7327 |

Date: Sat, 12 Mar 1994 00:38:45 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
kld.slip.netcom.com!user@network.ucsd.edu
Subject: Info on Alinco mods?
To: info-hams@ucsd.edu

In article <1994Mar10.204543.1362@earlham.edu>, georges@earlham.edu wrote:

> I recently bought a 2nd hand Alinco DJ-F1T hand held. The manual says
> that it can be modified to do aeronautical band AM between 118 MHz and 130
> MHz
> Also, how complicated and ticklish are such mods?
>
> Any help/ideas/opinions welcomed.
>
>
> --George Silver
> Director of Computing
> Earlham College
> georges@earlham.edu

I own and modified two alinco radios a 590 & 560. I had the benefit of paperwork I got from my local dealer, but when I opened the radios I found the jumpers that were to be cut were EXTREMELY obvious. They were loops of orange wire about 1/4 to 1/2 inch long connecting two points on a circuit board. They were the only such wires on the board. I would suspect that if you open your radios you'll find the same sort of thing.

--
Keith Dicker N6CKT

Date: Sat, 12 Mar 1994 01:53:01 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!
news.ccs.queensu.ca!eleceng.ee.QueensU.CA!toloo@network.ucsd.edu
Subject: Looking For Converters
To: info-hams@ucsd.edu

Hello:

I am looking for the circuit that can change the reception bands of receivers (shortwave and/or FM) by modulating the signals that are outside the reception band.

Regards

Mansour

Date: 11 Mar 1994 22:29:51 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!agate!howland.reston.ans.net!
torn!nott!cunews!freenet.carleton.ca!freenet3.scri.fsu.edu!freenet2.scri.fsu.edu!
henryf@network.ucsd.edu
Subject: midwest micro
To: info-hams@ucsd.edu

I am thinking about purchasing a clone from midwest micro. Does anybody
have experience with them? How is their customer service?? How about the
quality of their engineering?? Thanks.

Date: Fri, 11 Mar 1994 00:14:12 MST
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!sol.ctr.columbia.edu!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!
alberta!ve6mgs!usenet@network.ucsd.
Subject: WARNING: Potential Satellite Anomaly Warning
To: info-hams@ucsd.edu

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

POTENTIAL SATELLITE ANOMALY WARNING

ISSUED: 05:00 UT, 11 MARCH

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

ATTENTION:

Moderate to high fluxes of high energy electrons at greater than 2 MeV
have been observed over the last 48 hours. Electrons became enhanced during

the mid-to-late part of 08 March and have been at particularly strong levels over the last 24 hours. Total fluence for the event thus far is running around $3.5E+09$ electrons/cm²-day-sr. If these fluences continue (and they are expected to), some geosynchronous satellites may see charging-related anomalies.

Electron fluence reached a new maximum today, at $2.2E+09$ el/cm²-day-sr. This daily fluence value exceeds all other daily fluence values associated with this disturbance over the last several months.

Based on recurrence, this electron enhancement should continue for another 10 to 12 days. Updates will be released, as necessary.

** End of Warning **

Date: Fri, 11 Mar 1994 13:45:13 GMT
From: sgi!odin!chuck.dallas.sgi.com!adams@decwrl.dec.com
Subject: WWV time station freq
To: info-hams@ucsd.edu

In article <Anthony_Pelliccio-100394124830@138.16.64.25>, Anthony_Pelliccio@brown.edu (Tony Pelliccio) writes:
> In article <2lnj0n\$ekf@gaia.ucs.orst.edu>, schottd@ucs.orst.edu (Derek Schott) wrote:
...stuff deleted...
> 5.000, 15.000 and 20.000 are the ones I'm familiar with.....
>
> --
> == Anthony_Pelliccio@Brown.edu (Tony Pelliccio, KD1NR)
> == Box 1908, Providence, RI 02912 Tel. (401) 863-1880
> == All opinions expressed are those of the individual, and not those
> == of Brown University.

What!? You missed 10.000000000000 MHz, the most important one, IMHO. :-)

dit dit

--

Chuck Adams K5FO CP-60
adams@sgi.com

Date: (null)
From: (null)
SB DX ARL ARLD014

ARLD014 DX news

The items in this week's bulletin are courtesy of Rolf, DL7VEE, the Ohio/Penn DX Bulletin, the Yankee Clipper Contest Club PacketCluster network and Contest Corral in QST. Thanks.

PRATAS ISLAND. The latest news is that the planned DXpedition for this month has been scrubbed.

LACCADIVE ISLANDS. VU7LI continues both his geological surveys and QRP operation for a few more weeks.

KERGUELEN ISLAND. Listen for Pierre, FT5XJ, on 14188 kHz around 0330 and 1600z.

NEPAL. Equipment donations by DJ6SI and DJ6JC, with the help of EUDXF, DL9WVM and WB6ZUC, have put Satis, 9N1AA, and Surish, 9N1HA, on the air. QSL via PO Box 4292, Kathmandu, Nepal.

TONGA. Bob, W7TSQ, is island hopping as A35SQ around the main island of Tonga, much to the delight of IOTA chasers. He should be active until March 15. QSL via W7TSQ.

NORTHERN COOK ISLANDS. Amy, ZK1AT, has been on 3787 kHz at 0630z, 7205 kHz around 0715 and 0900, 14195 kHz at 0430z, 18150 at 2200, and 24950 at 2315. QSL via WB6EQX.

FERNANDO DE NORONHA ISLAND. Peter, PY5CC, is QRV as PY0FM until April 1. He prefers SSB, 160 and 6 meters, but also operates some CW and satellites. QSL his home call.

FRANZ JOSEF LAND. 4K2MAL has been quite active lately. Check 10104 kHz at 2230z and 0400z, 18072 kHz at 1645z, 14182 kHz at 1415z, and 7004 kHz around 0245z.

GUYANA. Larry, 8R1/N4VA, should be active for another week. His on the air times are fluid, so listen to the 20 and 15 meter IOTA frequencies, 14260 and 21260 kHz, for details.

NORTHERN MARIANA ISLANDS. JA1CMD will sign KH0/JA1CMD from March 27 to April 1, mainly on 80 and 40 meter CW. QSL to CBA.

COCOS ISLAND. Members of the OKDXA are planning a big TJI9 DXpedition for May.

THIS WEEKEND ON THE RADIO. Both the Kentucky and Wisconsin QSO Parties are this weekend. The Kentucky event, sponsored by the Paducah ARA, is from 1500z March 12 to 0300z March 13, and 1500z to

2400z March 13, both phone and CW.

The Wisconsin Party is sponsored by the West Allis RAC and runs from 1800z March 18 to 0100z March 14, both CW and phone.

The exchange for both events is signal report, state, province or country. Kentucky and Wisconsin stations will send signal report and county for their exchange. Full details/rules appear on page 111 of February QST.

NNNN

/EX

Date: 12 Mar 1994 03:29:01 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
newsxfer.itd.umich.edu!news1.oakland.edu!vela.acs.oakland.edu!
prvalko@network.ucsd.edu
To: info-hams@ucsd.edu

References <2lnm9t\$643@jericho.mc.com>, <2lo1ii\$g94@oak.oakland.edu>,
<1994Mar11.215416.5960@news2.den.mmc.com>ch.e
Subject : Re: 1x1 Callsigns?

Gee Russ... can't get anything past you now, can we? :-)

yup.

3's as in seven thirds =paul= wb8zjl

Date: Fri, 11 Mar 1994 13:53:38 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!cnn.exu.ericsson.se!ericom!
eua.ericsson.se!sunic!psinntp!psinntp!laidbak!tellab5!jwa@network.ucsd.edu
To: info-hams@ucsd.edu

References <CMCruE.8n6@ucdavis.edu>, <2li7a8\$sj6@news.acns.nwu.edu>,
<CMDvpx.AJp@news.Hawaii.Edu>co
Subject : Re: Sound Blaster stupidity

In article <CMDvpx.AJp@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeffrey Herman) writes:

>In article <2li7a8\$sj6@news.acns.nwu.edu> rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

>>In article <CMCruE.8n6@ucdavis.edu>,

>>Daniel D. Todd <ez006683@chip.ucdavis.edu> wrote:

>>>Jeffrey Herman (jherman@uhunix3.uhcc.Hawaii.Edu) wrote:

>>>
>>>: But keep in mind that they're NOT ads because the item is not for sale
>>>: yet (even though the price was posted for us).
>I was being facetious!
>>>I've seen this argument posited before, I'm not sure if it's real or
>>>not.

Anyone who thinks that the non-existence of a product means that
>>>ads for it are not advertisements should look at the last couple months
>>>of QST. Lots of companies advertise before the product is actually
>>>available. (Sorta like President Clinton and the health care program)
>>
>>Indeed. I think that they are called 'Teasers' - a common marketing
>>ploy. It is used to signal prospective customers and competitors. To
>>competitors: better watch out, I am going to come out with this new product.
>>It is a 'territorial' thing. Like dogs marking the fire hydrant.
>>
>Jeff NH6IL

I'm just a "functional illiterate" electronic tech. I'm not
much of a business man. However, I do know one thing. All of
this hullabaloo about the Hamblaster means exposure and that
what advertisers want. Just talking about is a form of
advertising. So whose the bad guy?

Jack Albert WA9FVP	Fellow Radio Hacker
Tele (708) 378-6201	
Tellabs Operations, Inc.	FAX (708) 378-6721
1000 Remington Blvd.	jwa@tellabs.com
Bolingbrook, IL 60440	

"You can't please everyone so you have to please yourself"

Rick Nelson

Date: 11 Mar 94 16:09:28 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!news.acns.nwu.edu!ftpbox!
mothost!lmpsbbs!NewsWatcher!user@ucbvax.berkeley.edu
To: info-hams@ucsd.edu

References <2lnm9t\$643@jericho.mc.com>, <CMGtpo.4t9@cup.hp.com>,
<CMGxq7.F0L@wang.com>news.
Subject : Re: 1x1 Callsigns?

In article <CMGxq7.F0L@wang.com>, dbushong@wang.com (Dave Bushong) wrote:

> jholly@cup.hp.com (Jim Hollenback) writes:
 >
 > >Bob Levine (levine@mc.com) wrote:
 > >: Has anyone seen anything in print about whether the vanity
 > >: callsign program (someday) might allow 1x1 calls?
 >
 > >: (for info, a 1x1 is like K1X)
 >
 > >No, but I've heard ther is a 2X1 ... JY1
 >
 > Wouldn't that be a "two by nothin'?" Mine (KZ10) is a 2X1, so if
 > the 'o' were dropped, it would be a 2X
 >
 > --
 > Dave Bushong, Wang Laboratories, Inc.

Well, guys, don't forget two crucial pieces of information about that call:

- 1) It is not a US callsign, it is Jordan, in the middle east;
- 2) JY1 happens to be King Hussein, who has done much to promote amatuer radio in the middle east and throughout the world. He is also the ruler of those issuing callsigns. Therefore he gets to pick the shortest and most prestigious call for himself. His wife Queen Noor has the call JY1AA.

FYI, King Hussein visits the USA regularly, including both the Cleveland Clinic and Mayo Clinic for health care. He has been heard locally on the bands during his visits, and I hope to hear him speak some day at an amateur club meeting.

--
 Karl Beckman, P.E. < STUPIDITY is an elemental force for which >
 Motorola Comm - Fixed Data < no earthquake is a match. -- Karl Kraus >

The statements and opinions expressed here are not those of Motorola Inc. Motorola paid a marketing firm a huge sum of money to get their opinions; they have made it clear that they do not wish to share those of employees.

Amateur radio WA8NVW @ K8MR.NEOH.USA.NA NavyMARS VBH @ NOGBN.NOASI

End of Info-Hams Digest V94 #280

